



# भारत का राजपत्र The Gazette of India

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No. 39] NEW DELHI, SATURDAY, SEPTEMBER 26, 1998 (ASVINĀ 4, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
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PATENTS AND DESIGNS

Calcutta, the 26th September 1998

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## पेटेंट कार्यालय

एकत्र तथा अभिलेख

कलकत्ता, दिनांक 26 सितम्बर 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ओर के आधार पर निम्न रूप में वर्णित हैं :—

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,  
तीसरा तल, लोअर पररेण (प.),  
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश  
तथा भोजा राज्य क्षेत्र एवं संघ  
शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, कराल बाग,  
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्र एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटॉफिक"

पेटेंट कार्यालय शाखा,

विंग सी (सी-4, ए)

तीसरा तल, राजाजी भवन बसन्त नगर,

चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु,  
तथा पाण्डिचेरी राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय  
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, प्रिवीसीय बहुतलीय कार्यालय  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कलकत्ता-700 020.

तार पता - "पेटेंट्स"

भारत का अवशेष क्षेत्र ।

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में  
अपीक्षित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट  
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

धृत्क : श्रुतियों की अदायगी या तो नकद की जाएगी अथवा  
उपयुक्त कार्यालय में नियंत्रक के भुगतान योग्य धनादेश अथवा  
ड्राफ्ट आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान  
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा  
चैक द्वारा की जा सकती है ।

## CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated 22-11-1997 in page 1579, column II under the heading "Complete Specification Accepted" the entire matter appears in respect of Patent No. 179741 shall be treated as deleted as the same has been inadvertently sent for notification and thus printed and the following entries shall be inserted instead of the matter printed against Patent No. 179741.

Cl. : 141 D

179741

Int. Cl. : C 22 B 1/16, 1/20.

PROCESS OF PREPARING SINTERED IRON OXIDE-  
CONTAINING MATERIALS ON A SINTERING  
MACHINE".

Applicant : METALLGESELLSCHAFT AKTIENGESFELS-  
CHAFT, OF REUTERWEG 14, D-6000 FRANKFURT AM  
MAIN, WEST GERMANY.

Inventors :

1. FRED STIELER
2. NORBERT MAGEDANZ
3. WALTER GERLACH
4. JURGEN OTTO
5. MARTIN HIRSCH
6. FRED CAPPEL
7. DETLEV SCHLEBUSCH.

Application No. 72/Cal/92 filed on 3rd February, 1992.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patent Rules, 1972), Patent Office, Calcutta.

## 11 Claims

A process for preparing sintered iron oxide-containing materials on a sintering machine, wherein a sinterable mixture containing iron ore or iron ore concentrate, and additionally solid fuel and fluxes is charged onto the sintering machine, the sinterable mixture is ignited on its surface, oxygen-containing gases such as herein described are passed through the sinterable mixture, part of the exhaust gas is enriched by an addition of a high-oxygen gas and is then recirculated as oxygen-containing recycle gas, and the other part of the exhaust gas is discharged as tail gas, characterized in that the tail gas which is removed from the process consists of exhaust gas at a rate which corresponds to the rate at which gas is produced by the sintering process plus the rate at which high-oxygen gas is added for enriching plus the rate at which leaked air has infiltrated from the outside minus the rate at which oxygen is consumed, and the other partial stream of the exhaust gas is recirculated as recycle gas and before being applied to the sinterable mixture is enriched to contain up to 24% oxygen by an addition of high-oxygen gases.

(Compl. Specn. 18 pages;

Dmg. Nil.)

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dated shown in the crescent bracketed are the dated claimed under section 135, under Patent Act, 1970.

31-07-1998

1342/Cal/98. Madhavan Pisharodi, "Cervical disk and spinal stabilizer". (Convention No. 08/904, 856 on 1-8-97 in U.S.A.).

1343/Cal/98. (1) ACCIAI Speciali Terni S.P.A., (2) Voest Alpine Industrieanlagen Bau GMBH., "Process for the production of austenitic stainless steel strips, and austenitic stainless steel strips so obtainable having good weldability as cast and use thereof for the production of welded products". (Convention No. RM97A000488 on 1-8-97 in Italy).

1344/Cal/98 American Cyanamid Company, "Intermediate compounds for the preparation of difluorovinylsilane insecticidal and acaricidal agents".

1345/Cal/98. American Cyanamid Company "Process for the preparation of difluorovinylsilane insecticidal and acaricidal agents".

1346/Cal/98. Samsung Electronics Co. Ltd., "Viterbi Decoder". (Convention No. 97-37799 on 7-8-97 in Republic of Korea).

1347/Cal/98. Siemens Aktiengesellschaft, "Method for generating an error identification signal in the database of a memory and device suitable for this". (Convention No. 19734554.9 on 31-7-97 in Germany).

1348/Cal/98. Siemens Aktiengesellschaft, "Medium-Voltage switchgear assembly with busbar compartment and terminal compartment". (Convention No. 19734553.0 on 31-7-97 in Germany).

1349/Cal/98. Siemens Aktiengesellschaft, "Bushing-type transformer for a metalclad, air-insulated, medium-voltage switchgear assembly". (Convention No. 29714253.4 on 31-7-97 in Germany).

1350/Cal/98. Siemens Aktiengesellschaft, "Bushing-type post insulator for a metal-clad, air-insulated, Medium-voltage switchgear assembly". (Convention No. 29714254.2 on 31-7-97 in Germany).

1351/Cal/98. HSM Holographic Systems Munchen GMBH, "A method and an apparatus for fabricating a surface structure particularly a holographic surface structure, on a substrate". (Convention No. 19733746.5 on 4-8-97 & 19802585.8 on 23-1-98 in Germany).

1352/Cal/98. HSM Holographic Systems Munchen GMBH, "An apparatus for the manufacture of individual holograms to make documents secure". (Convention No. 19734046.6 on 6-8-97 & 19809503.1 on 5-3-98 in Germany).

1353/Cal/98. Iscar Ltd., "A cutting insert".

1354/Cal/98. Iscar Ltd., "A tangential cutting insert".

1355/Cal/98. ELF Atochem North America Inc., "A process for preparing an ethylenically unsaturated peroxide". (Divided out of No. 903/Cal/94 antedated to 31-10-1994).

1356/Cal/98. ELF Atochem North America Inc., "A process for preparing an ethylenically unsaturated peroxide". (Divided out of No. 903/Cal/94 antedated to 31-10-1994).

1357/Cal/98. ELF Atochem North America Inc., "A process for preparing an ethylenically unsaturated peroxide". (Divided out of No. 903/Cal/94 antedated to 31-10-1994).

1358/Cal/98. ELF Atochem North America Inc., "A process for preparing an ethylenically unsaturated peroxide". (Divided out of No. 903/Cal/94 antedated to 31-10-1994).

1359/Cal/98. ELF Atochem North America Inc., "A process for preparing an ethylenically unsaturated peroxide". (Divided out of No. 903/Cal/94 antedated to 31-10-1994).

1360/Cal/98. Siemens Aktiengesellschaft, "Method and device for controlling the reception of data packet in a mobile station". (Convention No. 19733118.1 on 31-7-97 in Germany).

03-08-1998

1361/Cal/98. Navin Prakash Malhotra, "Razor blade assembly".

1362/Cal/98. Glitsch, Inc., "An improved method of operation of a process column utilizing catalyst media". (Divided out of No. 170/Cal/1995 antedated to 20-2-95).

1363/Cal/98. Uvex Arbeitsschutz GmbH, "Safety goggles, in particular industrial safety goggles". (Convention No. 19720907.6 on 17-5-97 in Germany).

1364/Cal/98. Degussa Aktiengesellschaft, and Zimmer Aktiengesellschaft, "Process for processing polymer mixtures for filaments". (Convention No. 19733799.6 on 5-8-97 in Germany).

1365/Cal/98. Siemens Aktiengesellschaft, "Method and radio station for data transmission". (Convention No. 19733336.2 on 1-8-97 in Germany).

1366/Cal/98. Siemens Aktiengesellschaft, "Device for receiving a transmission signal and for transmitting an optical beam, and use thereof". (Convention No. 19734510.7 on 8-8-97 in Germany).

1367/Cal/98. Siemens Aktiengesellschaft, "Equipment for data transmission in mobile radio networks". (Convention No. 19733860.7 on 5-8-97 in Germany).

1368/Cal/98. Siemens Aktiengesellschaft, "Process for authenticity testing of a data carrier". (Convention No. 19734507.7 on 8-8-97 in Germany).

1369/Cal/98. Owens Corning, "Vacuum extrusion system and method". (Convention No. 08,916,185 on 21-8-97 in U.S.A.).

1370/Cal/98. Concast Standard AG, "Device and method for exchanging a replaceable part of a mould arrangement in a continuous casting installation".

1371/Cal/98. Dr. Nirmal Kanti Chowdhury, "A method of manufacturing a novel pilferproof aluminium container".

1372/Cal/98. Dipak Guha, "A novel paint and washable dispenser".

1373/Cal/98. Dr. Santosh Kumar Dutta, "Intramedullary compression nail".

1374/Cal/98. Comsat Corporation, "Communication system". (Divided out of No. 366/Cal/1994 antedated to 6-5-94).

04-08-1998

1375/Cal/98. Mitsuhiro Fukadh, "Permanent magnetic dynamo". (Convention No. 223022 on 5-8-97 in Japan).

1376/Cal/98. Q-Core Ltd., "Magnetic flow controller".

1377/Cal/98. Body Heat Ltd., "Adhesive composition for electrical PTC heating device".

1378/Cal/98. Q-Core Ltd., "Magnetic valve".

1379/Cal/98. Body Heat Ltd., "Electrical PTC heating device".

- 1380/Cal/98. Samsung Electronics Co. Ltd., "Refrigerator door supporting structure". (Convention No. 97-49254 on 26-09-97 in Republic of Korea).
- 1381/Cal/98. Glaxo Group Ltd., "Benzylidene-1, 3-dihydro-indol-2-one derivatives having anti-cancer activity". (Convention No. 9716557.5 on 6-8-97 in United Kingdom).
- 1382/Cal/98. Kvaerner Metals Continuous Casting Limited, "Casting roll". (Convention No. 9716724.1 on 8-8-97 in United Kingdom).
- 1383/Cal/98. Kvaerner Metals Continuous Casting Limited, "Improved casting roll". (Convention No. 9716724.1 on 8-8-97 in United Kingdom).
- 1384/Cal/98. Mitsuba Corporation, "A connecting construction between at least one coil wire and at least one lead wire for use in a magneto generator". (Divided out of No. 825/Cal/94 antedated to 10-10-94).
- 1385/Cal/98. Instrumentation Metrics, Inc., "Method and apparatus for generating basis sets for use in spectroscopic analysis". (Convention No. 08/911588 on 14-8-97 in USSN).
- 1386/Cal/98. Mero Systeme GMBH & Co. KG., "Partition in particular for exhibition and show stands". (Convention No. 19733923.9 on 6-8-97 in Germany).
- 1387/Cal/98. Philips Petroleum Company, "Process for the trimerization of olefins". (Convention No. 08/951201 on 14-10-97 in U.S.A.).
- 1388/Cal/98. Metallgesellschaft Aktiengesellschaft, "Process of separating vaporous phthalic acid anhydride from a gas stream". (Convention No. 19813286.7 on 26-3-98 in Germany).
- 1389/Cal/98. Mannesmann VDO AG., "Fuel supply system". (Convention No. 19733949.2—13 on 6-8-97 in Germany).
- 1390/Cal/98. Degussa Aktiengesellschaft, "Polyoxymethylene moulding compositions with improved heat stability and stability against discoloration". (Convention No. 197 34 360.0 on 8-8-97 in Germany).

05-08-1998

- 1391/Cal/98. Sri Arun Kumar Shaw, "Medicine for malignant tumors, Gall-bladder stone, Urolithiasis and other like diseases".
- 1392/Cal/98. Betzdearborn Inc., "Apparatus for automatic congruent control of multiple boilers sharing a common feedwater line and chemical feed point". (Convention No. 08/944,921 on 6-10-97 in U.S.A.).
- 1393/Cal/98. (1) Ishikawajima-Harima Heavy Industries Co. Ltd. and (2) Hiroharu Kato, "Friction reducing ship with compressed air generation apparatus friction reduction apparatus and gas jetting device".

(Convention No. Date &amp; Country)

9-226863	22-08-1997	Japan
9-226864	22-08-1997	Japan
9-354013	09-12-1997	Japan
9-364239	19-12-1997	Japan
10-036599	04-02-1998	Japan
10-046355	13-02-1998	Japan
10-093427	06-04-1998	Japan
10-093428	06-04-1998	Japan

- 1394/Cal/98. Humunite Holding Ltd., "Device and process for extraction of biogas". (Convention No. 19733813.5 on 3-8-97 in Germany).

- 1395/Cal/98. Windmoller & Holscher, "Doctor blade device for an ink cleaning unit of a rotary printing machine". (Convention No. 19734910.2 on 12-8-97 in Germany).

- 1396/Cal/98. Eaton Corporation, "Synchronizer". (Convention No. 08/908,693 on 11-8-97 in U.S.A.).
- 1397/Cal/98. Eaton Corporation, "Synchronizer". (Convention No. 08/908,091 on 11-8-97 in U.S.A.).
- 1398/Cal/98. Eaton Corporation, "Synchronizer". (Convention No. 08/908,090 on 11-8-97 in U.S.A.).
- 1399/Cal/98. Eaton Corporation, "Synchronizer". (Convention No. 08/908,087 on 11-8-97 in U.S.A.).
- 1400/Cal/98. Eaton Corporation, "Pin-Type synchronizer". (Convention No. 08/908,086 on 11-8-97 in U.S.A.).
- 1401/Cal/98. Eaton Corporation, "Synchronizer". (Convention No. 08/908,092 on 11-8-97 in U.S.A.).
- 1402/Cal/98. Hoechst Aktiengesellschaft, "A surface impregnated catalyst". (Divided out of No. 528/Cal/94 antedated to 05-07-1994).

APPLICATIONS FOR PATENTS FILED AT THE  
PATENT OFFICE BRANCH,  
WING C (C-4 'A') IIIrd FLOOR,  
RAJAJI BHAVAN, BESANT NAGAR,  
CHENNAI-600 090.

15th December 1997

- 2875/Mas/97. Conster Chemicals Ltd. A process for preparation of plant growth regulator composition and a plant growth regulator composition prepared by the said method.
- 2876/Mas/97. Conster Chemicals Ltd. A process for preparation of neem based insecticide antifeedant repellent composition and neem based insecticide antifeedant repellent composition prepared by the said method.
- 2877/Mas/97. Conster Chemicals Ltd. A process for preparation of neem based insecticide composition and neem based insecticide composition prepared by the said process.
- 2878/Mas/97. Conster Chemicals Ltd. A process for preparation of neem based coating agent for urea and neem based coating agent composition for urea prepared by the said process.
- 2879/Mas/97. Conster Chemicals Ltd. A process for preparation of neem based insecticide composition specially adopted for green house ornamental and flowering plant and neem based insecticide composition prepared by the said process.
- 2880/Mas/97. Conster Chemicals Ltd. A process for preparation of a neem based mosquito killer composition specially adopted for residential places and offices and the composition prepared by the said method.
- 2881/Mas/97. Conster Chemicals Ltd. A process for preparation of a neem based mosquito killer composition specially adopted for public places and the composition prepared by the said method.
- 2882/Mas/97. Conster Chemicals Ltd. A process for preparation of a neem based mosquito killer composition specially adopted for lakes and water-logged places and the composition prepared by the said method.
- 2883/Mas/97. Conster Chemicals Ltd. A process for preparation of a neem based mosquito killer composition specially adopted for residential places and offices and the composition in mat form and a mat prepared by the said method.
- 2884/Mas/97. Novo Nordisk A/S. Peniophora phytase. (December 20, 1996; Denmark).
- 2885/Mas/97. Daewoo Electronics Co. Ltd. Method and apparatus for controlling a malfunction of an automatic transmission.

- 2886/Mas/97. Daewoo Electronics Co. Ltd. Thin film actuated mirror array in an optical projection system and method for manufacturing the same. (March 28, 1997; Korea).
- 2887/Mas/97. Hoechst Aktiengesellschaft. Vitronectin receptor antagonists, their preparation and their use. (December 20, 1996; Germany).
- 2888/Mas/97. Hoechst Aktiengesellschaft. Vitronectin receptor antagonists, their preparation and their use. (December 20, 1996; Germany).
- 2889/Mas/97. Hoechst Aktiengesellschaft. Substituted purine derivatives, processes for their preparation, their use, and compositions comprising them. (December 20, 1996; Germany).
- 2890/Mas/97. Toray Industries Inc. Electroconductive, multilayered hollow moldings and electroconductive resin composition. (December 16, 1996; Japan).
- 2891/Mas/97. Steelcase Inc. Knock-down portable partition system.
- 2892/Mas/97. Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. A process for producing a recombinant DNA.
- 2893/Mas/97. Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. A process for producing an enzyme which converts 5-substituted hydantoin to D-N-carbamoyl- $\alpha$ -amino acids.
- 2894/Mas/97. NEC Corporation. Selectively called radio receiver and controlling method thereof. (December 25, 1996; Japan).
- 2895/Mas/97. Henkel Kommanditgesellschaft auf Aktien. A granular detergent with improved oil and fat removal. (January 13, 1997; Germany).
- 2896/Mas/97. Henkel Kommanditgesellschaft auf Aktien. A process for the production of Wasing and Cleaning-active Surfactant Granules containing anionic surfactants. (January 13, 1997; Germany).
- 2897/Mas/97. Reckitt & Colman Products Ltd., Air treatment device. (December 27, 1996; Great Britain).
- 2898/Mas/97. BIC Corporation. Piezo electric lighter which has a higher level of difficulty for operation.
- 16th December, 1997
- 2899/Mas/97. Dr. Jose Thakattil. Pressure Cooker.
- 2900/Mas/97. Scumberger Industries S.A. A liquid meter with improved pivoting. (December 19, 1996; France).
- 2901/Mas/97. H. Lundbeck A/S. Indane or dihydroindole derivatives. (December 20, 1996; Denmark).
- 2902/Mas/97. Minnesota Mining and Manufacturing Company. Retroreflective article having laundrably durable bead bond. (December 20, 1996; U.S.A.).
- 2903/Mas/97. Solar Cells Inc. System and method for processing sheet glass. (January 17, 1997; U.S.A.).
- 2904/Mas/97. Mitsubishi Denki Kabusiki Kaisha Mobile communication system.
- 2905/Mas/97. BASF Aktiengesellschaft. Heterocyclic carboxylic acid derivatives, their preparation and use as endotoxin receptor antagonists. (December 18, 1996; Germany).
- 2906/Mas/97. John Phillip Chevalier. Control system for opening a door. (December 16, 1996; United Kingdom).
- 2907/Mas/97. John Phillip Chevalier. Arrangements for automotive doors or other closures. (December 16, 1996; United Kingdom).
- 2908/Mas/97. The Dow Chemical Company. Platicized aliphatic/vinylidene aromatic monomer or hindered aliphatic or cycloaliphatic vinylidene monomer interpolymers. (December 17, 1996; U.S.A.).
- 2909/Mas/97. The Dow Chemical Company. Method of coating complex shaped ceramic-metal composites and the products produced thereby. (December 20, 1996; U.S.A.).
- 2910/Mas/97. Mobil Oil Corporation. Process for making gas hydrates. (December 17, 1996; United States of America).
- 2911/Mas/97. Qualcomm Incorporated. Rate 2/3 trellis coded modulation using 1/2 convolutional encoder. (December 17, 1996; United States of America).
- 17th December, 1997
- 2912/Mas/97. Dr. Gadde Subhash Chander. Potentised substances for treatment of certain viral diseases and exogenous toxic states by way of dynamised auto haemotherapy.
- 2913/Mas/97. Cheminor Drugs Limited. An improved process for the preparation of 1-(tetrahydrofuran-2-yl) piperazine, an intermediate of terazosin.
- 2914/Mas/97. Cheminor Drugs Limited. An improved process for the preparation of 4-amino-2-[4-(1, 4-benzodioxan-2-yl carbonyl) Piperazin-1-yl]-6, 7-dimethoxy quinazoline hydrochloride (doxazosin hydrochloride).
- 2915/Mas/97. Pegasus Airwave Limited. Patient supports and methods of operating them. (December 18, 1996; Great Britain).
- 2916/Mas/97. Offshore Shuttle A/S. Transporter for heavy objects at sea. (December 18, 1996; Norway).
- 2917/Mas/97. Shimano Inc. Expandable bearing retainer. (December 20, 1996; Japan).
- 2918/Mas/97. Shimano Inc. Electrical operating device for bicycle. (December 20, 1996; Japan).
- 2919/Mas/97. The Dow Chemical Company. Catalyst component dispersion comprising an ionic compound and solid addition polymerization catalysts containing the same. (December 18, 1996; U.S.A.).
- 2920/Mas/97. Institut Francais Du Petrole. Process for transforming a gas oil cut to produce a dearomatized and desulphurised fuel with a high cetane number. (December 20, 1996; France).
- 2921/Mas/97. Barmag AG. Takeup machine with threadup device. (December 20, 1996; Germany).
- 2922/Mas/97. Kimberly-Clark Worldwide, Inc. Method of making high intensity light resistant instrument pads. (December 19, 1996; U.S.A.).
- 2923/Mas/97. Canon Kabushiki Kaisha. Process for producing semiconductor article. (December 18, 1996; Japan).
- 2924/Mas/97. Daewoo Electronics Co. Ltd. Method and apparatus for variably controlling a speed of a cooling fan motor in an automobile. (April 28, 1998; Korea).
- 2925/Mas/97. Shimano Inc. Spring retaining apparatus for a bicycle brake. (December 20, 1996; U.S.A.).
- 2926/Mas/97. Shimano Inc. Multiple sprocket assembly for a bicycle. (December 20, 1996; U.S.A.).
- 2927/Mas/97. Shimano Inc. Bicycle crank arm. (December 20, 1996; U.S.A.).
- 18th December, 1997
- 2928/Mas/97. NEC Corporation. Radio selective calling receiver having telephone directory function. (December 20, 1998; Japan).

- 2929/Mas/97. Rieter Ingolstadt Spinnereimaschinenbau Aktiengesellschaft. Separating roller for an open-end spinning device (December 20, 1996; Germany).
- 2930/Mas/97. NEC Corporation. Radio display pager with controller for prioritized message management. (December 19, 1996; Japan).
- 2931/Mas/97. Nokia Telecommunications Oy. Method for controlling a call. (December 19, 1996; Finland).
- 2932/Mas/97. Nokia Telecommunications Oy. Method for controlling a credit customer call. (December 19, 1996; Finland).
- 2933/Mas/97. Hydral Company. Rotating blowout preventer. (December 19, 1996; United States of America).
- 2934/Mas/97. Nicast Ltd. Device for manufacturing of composite filtering material and method of its manufacture.
- 2935/Mas/97. Novartis AG. Process for the preparation of ethylenically unsaturated isocyanates. (December 19, 1996; Germany).
- 2936/Mas/97. Gersan Establishment. Girdle height determination for polishing a gemstone. (December 18, 1996; United Kingdom).
- 2937/Mas/97. SMS Schloemann-Siemag Aktiengesellschaft. Ferritic coiling of wire or bar steel. (December 19, 1996; Germany).
- 2938/Mas/97. Shimano Inc. Bicycle auxiliary shift control device, main shift control device, and shift control system. (December 19, 1996; Japan).
- 2939/Mas/97. The Dow Chemical Company. Fused ring substituted indenyl metal complex and polymerization process. (December 19, 1996; U.S.A.).
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19th December, 1997

- 2942/Mas/97. Reckitt & Colman France. Improvements in or relating to packaging. (March 24, 1997; Great Britain).
- 2943/Mas/97. Westford Technology Corporation. Improved estimator for recovering high frequency components from compressed data. (December 20, 1996; U.S.A.).
- 2944/Mas/97. Telson Electronics Co. Ltd. Call reception control method in wide area radio pager capable of avoiding reception errors in boundary areas. (May 12, 1997; Korea).
- 2945/Mas/97. Novo Nordisk A/S. Meiosis regulating compounds. (December 20, 1996; Denmark).
- 2946/Mas/97. The Dow Chemical Company. Open-celled rigid polyurethane foam. (December 20, 1996; U.S.A.).
- 2947/Mas/97. The Dow Chemical Company. Method of preparing complex-shaped ceramic-metal composite articles and the products produced thereby. (December 24, 1996; U.S.A.).
- 2948/Mas/97. Wesley-Jessen Corporation. Method of forming contact lens having very natural appearance and product made thereby. (December 20, 1996; United States of America).
- 2949/Mas/97. BASF Corporation. Plant growth regulators in pyrrolidone solvents. (December 20, 1996; U.S.A.).
- 2950/Mas/97. Novo Nordisk A/S. Phytase polypeptides. (December 20, 1996; Denmark).

2951/Mas/97. Paulette Narsi Hazin. Procatalysts and process for producing same. (December 20, 1996; U.S.A.).

2952/Mas/97. Ahlstrom Paper Group Oy. Using centrifugal pumps in the foam process of producing non-woven webs. (December 19, 1996; Finland).

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अप्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निबंधक, एक्स को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटों प्रतियां यदि कोई हों, के साथ विनिर्देशों का अंकित अथवा फोटों प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार

द्वारा मुनिष्ठित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे दर्शित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचालन किया जा सकता है।

Ind. Cl. : 107 E, G

181791

Int. Cl.<sup>1</sup> : F 01 N 3/20.

# EXHAUST FOR TWO-STROKE INTERNAL-COMBUSTION ENGINES.

Applicant : INSTITUT FRANCAIS DU PETROLE, A FRENCH BODY CORPORATE, OF 4 AVENUE DE BOIS PREAU 92502 RUEIL MALMAISON FRANCE.

Inventors :

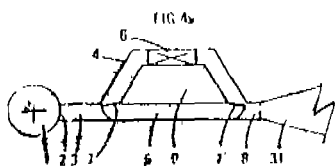
- (1) PIERRE DURET
- (2) GAETAN MONNIER.

Application No. 222/Mas/93 filed on 30th March 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

## 11 Claims

An exhaust for two-stroke internal-combustion engine, wherein at least one catalyst (6) is positioned near to at least one cylinder (1) provided with an exhaust port, at least one means (9) is positioned near to said exhaust port of at least one of said cylinder (1) to separate the exhaust into two branches, one (4) having said catalyst (6), and the other branch (5) having no catalyst, at least one sealing means are provided (7, 7', 7'') for sealing selectively one and/or the other of said branches (4, 5) as a function of at least one working parameter of the engine and at least one cooling means (10, 10') is positioned near to said catalyst (6).



(Com. 25 Pages:

Drwgs. 5 Sheets.)

Ind. Cl. : 80 K

181792

Int. Cl.<sup>4</sup> : B 01 D 33/00

# A FILTER ELEMENT AND A METHOD FOR PRODUCING THE SAME.

Applicant : HERDING GMBH ENTSTAUBUNGSANLAGEN AUGUST-BORSIG-STRASSE 3, 8450 AMBERG, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors :

- (1) ALTER HERDING
- (2) JURGEN BETHKE
- (3) KLAUS RABENSTEIN.

Application No. 242/Mas/93 filed on 2nd April, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

## 19 Claims

A filter element, for separating solid particles from air, having the following features :

- (a) the shaped body (6) has a permeably porous, substantially inherently stable shaped body (22);
- (b) the shaped body (22) is made substantially of polyethylene;
- (c) the shaped body (22) is built up of ultrahigh-molecular, fine-grained polyethylene (24) with an average molecular weight of more than  $10^6$  and a further polyethylene component (26, 30) which is fine-grained in the initial state and has an average molecular weight of less than  $10^6$ ;
- (d) the grains of ultrahigh-molecular polyethylene (24) and the further polyethylene component (26, 30) are combined into the shaped body (22) by the action of heat; and
- (e) the shaped body (22) is provided on its afflux surface (34) for the medium to be filtered with a fine-pored coating (32) of a known fine-grained material having a smaller average grain size than that of the shaped body (22) and filling at least a considerable depth of the surface pores (36) thereof on the afflux surface (34), wherein
- (f) the ultrahigh-molecular polyethylene (24) has in the initial state a grain-size distribution with at least 95% by weight of grains in the range of  $> 63$  to  $\leq 250$  micrometers.

(Com. 25 Pages:

Drwgs. 9 Sheets)

Ind. Cl. : 188

181793

Int. Cl.<sup>4</sup> : C 23 C 14/00

# A METHOD OF FORMING A MODIFIED MATERIAL CONTAINING ONE OF MORE METALS.

Applicant : WESTAIM TECHNOLOGIES INC., OF BOX 1000, FORT SASKATCHEWAN, ALBERTA T8L 3W4, CANADA, A CANADIAN COMPANY.

Inventors :

- (1) ROBERT EDWARD BURRELL
- (2) LARRY R. MORRIS.

Application No. 337/Mas/93 dated May 18, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

## 24 Claims

A method of forming a modified material with antimicrobial coating containing one or more metals, said method comprising : creating atomic disorder in the material by vapour deposition under conditions such as herein described which limit diffusion during deposition and which limit annealing or recrystallization following deposition for retaining atomic disorder therein to provide sustained release of atoms, ions, molecules or clusters of at least one of the metals such as herein described into a solvent for the material at an enhanced rate relative to the material in its normal ordered crystalline state.

(Com. 50 Pages:

Ind. Cl. : 127 H, 1; 15 D

181794

Int. Cl.<sup>4</sup> : B 23 P - 19/04

# A PULLER FOR REMOVING AN OBJECT FROM A SHAFT.

Applicant : POWER TEAM DIVISION OF SPX CORPORATION (A DELAWARE CORPORATION), OF 2121 WEST BRIDGE STREET, OWATONNA, MINNESOTA 55060, UNITED STATES OF AMERICA.

## Inventors :

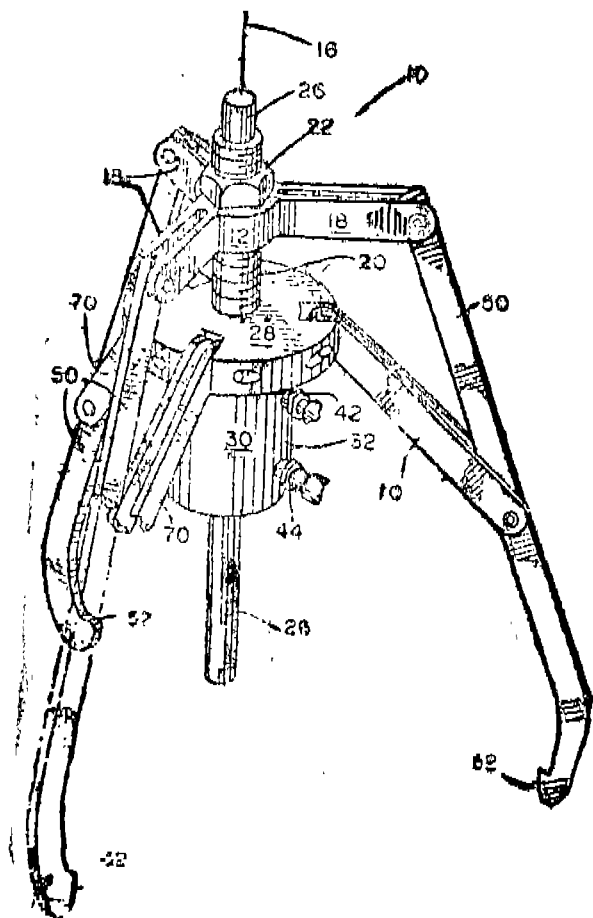
- (1) THOMAS J MCPEAK
- (2) JAMES C SOLIE
- (3) JOHN R LOQUAI

Application No. 388/Mas/93 filed on 8th June, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

## 11 Claims

A puller for removing an object (60) from a shaft (62), comprising first and second collars (12, 28) first moving means (20, 22, 90; 100) for moving said collars (12, 28) relative to one another along an axis (16), at least two circumferentially spaced clamping jaws (50) pivotally supported at one end to said first collar (12) and having grasping means (52) at the other end for grasping the object (60), at least two circumferentially spaced links (70), each of said links (70) being pivotally supported at one end to said second collar (28) and pivotally supported at the other end to an associated clamping jaw (50), and second moving means (26) for moving said second collar (28) along said axis (16) away from the shaft (62), said first moving means (20, 22, 90; 100) permitting some free movement of the second collar (28) toward said first collar (12) whereby said second moving means (26) during pulling creates an additional biasing force securing the jaws (50) to the object (60) characterized in that said first moving means (22, 22, 90; 100) has a selected limit to the amount of permitted free movement of the second collar (28) toward said first collar (12) to limit the additional biasing force created by the second moving means (26).



(Com. 22 Pages;

Drwgs. 5 Sheets)

Ind. Cl. : 9A

181795

Int. Cl. : C 22 C 19/00

### A PROCESS FOR PRODUCING A NICKLE-BASED SUPER ALLOY.

Applicant : CANNON-MUSKEGON CORPORATION, A CORPORATION OF THE STATE OF MICHIGAN, U.S.A., OF 2875 LINCOLN, P. O. BOX, 506 MUSKEGON, MICHIGAN, 49443, U.S.A.

Inventor : (1) GARY LEE ERICKSON.

Application No. 431/Mas/93 filed on 22-6-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

## 11 Claims

A process for producing a nickel-based superalloy of the following elements in percent by weight :

Rhenium—5.0–7.0  
Chromium—1.8–4.0  
Cobalt—1.5–9.0  
Tantalum—7.0–10.0  
Tungsten—3.5–7.5  
Aluminum—5.0–7.0  
Titanium—0.1–1.2  
Columbium—0–0.5  
Molybdenum—0.25–2.0  
Hafnium—0–0.15  
Nickel + Incidental  
Impurities balance.

comprising the steps of mixing and melting the said elements under known alloy forming conditions to obtain said superalloy having a phase stability number NV38 less than 2.10.

(Comp. Specn. 68 Pages;

Drwg. 01 Sheet)

Ind. Cl. : 70 A

181796

Int. Cl. : C 25 C 7/00; 3/00

### A FEEDER ASSEMBLY FOR AN ALUMINA ELECTROLYSIS CELL.

Applicant : PORTLAND SMELTER SERVICES PTY. LTD., AN AUSTRALIAN COMPANY, OF 530, COLLINS STREET, MELBOURNE, VICTORIA 3000, AUSTRALIA.

Inventor : (1) JAMES PATRICK KISSANE.

Application No. 474/Mas/93 filed 13th July, 1993.

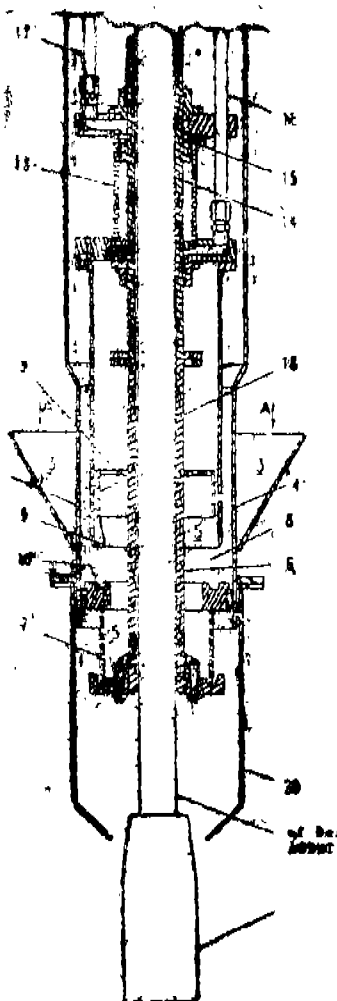
Convention dated : 14th July 1992; No. PL 3496; Australia.

## 12 Claims

A feeder assembly for an alumina electrolysis cell comprising a crust breaking mechanism operable to break a hole in a crust formed on the surface of molten electrolyte, the crust breaking mechanism having a plunger with a cutting edge mounted on a reciprocable plunger shaft, and a alumina storage container adapted to release alumina as required into a dose holder, characterized in that the dose holder is defined relative to the plunger shaft, between inner and outer walls, an inlet port and an outlet port of the dose holder being formed at the outer wall with the inlet port being located above the outlet port whereby alumina can flow through the dose holder from the inlet port to the outlet port under the influence of gravity, the inlet and outlet ports being closable and openable by valve means formed by relative movement between the outer wall of the dose holder and at least one valve seat which cooperates with a sealing edge of the outer wall, the



valve means being movable by drive means having a pneumatically operated piston movable within a cylinder concentric with the plunger shaft, the piston having an annular sleeve axially slidable within the cylinder and the plunger shaft being axially slidable within the sleeve which is connected to an extension sleeve in turn connected to at least one movable component of the valve means.



(Com. 15 Pages;

Drawgs. 2 Sheets)

Ind. Cl. : 98 G

181797

Int. Cl. : F 24 H 1/20

**LIQUID HEATING APPARATUS.**

Applicant & Inventors : NOBORU MARUYAMA, 2-26-14 SHIRASAGI, NAKANO-KU TOKYO, JAPAN. JAPANESE CITIZEN.

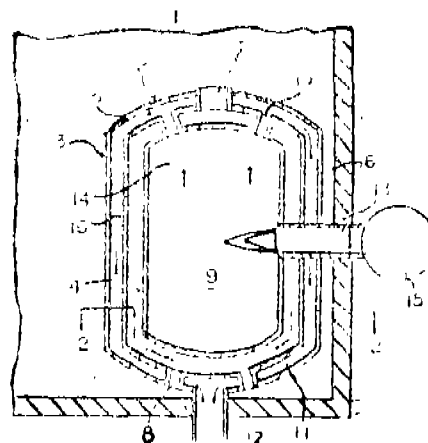
Application No. 479/Mas/93 filed 14th July 1993.

Appropriate Office for Opposition Proceedings. (Rule Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A liquid heating apparatus wherein a heat exchanger is provided in a water tank, the heat exchanger having an external drum comprising a dual wall, the external drum having upper and lower combustion gas distribution chambers formed in the upper and lower section of the dual wall and a combustion gas downdraft chamber therebetween, an internal drum being provided having a combustion chamber therein being provided in and at a space from the external drum, a partitioned water

chamber being formed therebetween, an upper communicating tube penetrating the external drum and communicating to inside of the water tank being connected to the upper section of the partitioned water chamber, a lower communicating tube communicating a base of the partitioned water chamber to a base of the water chamber being provided in the lower section thereof, a draft tube penetrating said partitioned water chamber and communicating a combustion chamber to a combustion gas distribution chamber being provided in the upper section of the partitioned water chamber, an exhaust tube opened to outside of the water tank being provided in the lower section of the external drum, and a combustion support cylinder penetrating the external drum and the partitioned water chamber and thrusting to outside of the water tank being provided in the combustion support cylinder.



(Com. 28 Pages;

Drawgs. 10 Sheets)

Ind. Cl. : 172 D 8

181798

Int. Cl. : D 01 H 1/38

**A RING SPINNING MACHINE OR DOUBLING FRAME.**

Applicant : MASCHINENFABRIK RIETER AG CH-8406 WINTERTHUR SWITZERLAND.

Inventor : LATTION ANDRE.

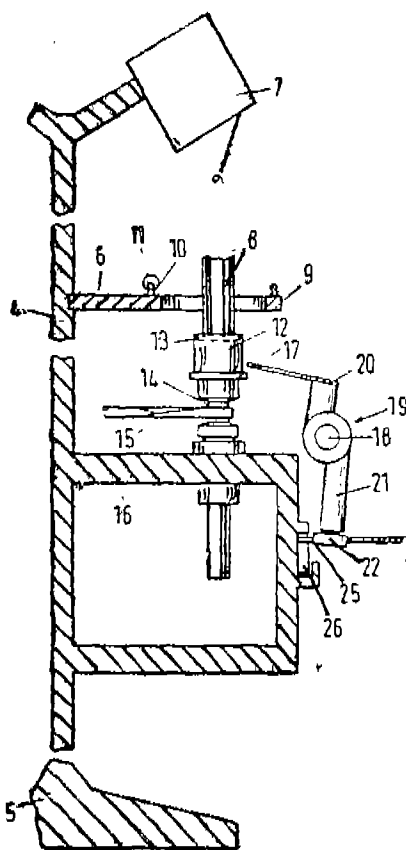
Application No. 502/Mas/93 filed on 22nd July 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A ring spinning machine or a doubling frame, comprising a drive control unit and spinning units, each of which comprises a drafting frame, a yarn guiding device provided in a ring frame and a spindle shaft (8), with an underwinding crown (13) and a fixing sleeve being located on each spindle shaft (8); characterized in that at least one actuating member

(19) is provided for displacing the fixing sleeve (12) from the closed position towards its opened position over at least a predefined segment of a path.



(Com. 16 Pages;

Drwgs. 4 Sheets)

Ind. Cl. : 32-F

181799

Int. Cl.<sup>4</sup> : C 0 / F 9/38; C 07 C 101/12;  
A 01 N 57/10.

#### A METHOD FOR PREPARING AMMONIUM GLYPHOSATE VIA A GAS-SOLID REACTION SYSTEM.

Applicant : MONSANTO COMPANY A DELAWARE CORPORATION, USA OF 800 NORTH LINDBERGH BOULEVARD ST. LOUIS, MISSOURI 63167, USA.

Inventors :

1. THOMAS McCABE DAY
2. JANE LAURA GILLISPIE
3. RICHARD MELVYN KRAMER

Application No. 389/Mas/96 filed on 12th March, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

21 Claims

A method for preparing a phytoactive ammonium glyphosate comprising introducing anhydrous ammonia gas to glyphosate acid to cause a reaction therebetween in a manner such that said gas is uniformly dispersed with said acid and such that the transfer of heat, away from the reaction is controlled in such a way as to ensure a high degree of unencumbered heat transfer, to produce highly sorptive water soluble ammonium glyphosate powder.

(Compl. Specn. 27 pages;

Drng. Nil.)

Ind. Cl. : 55 F

181800

Int. Cl.<sup>4</sup> : A 01 N 59/00.

#### A PROCESS FOR PREPARING A HALOGEN-BASED PHYSIOLOGICAL SEED TREATING CHEMICAL COMPOSITION.

Applicant : DHARMALINGAM SANTHOSH PRABU NO. 205, EAST SAMBANDAM ROAD, R. S. PURAM, COIMBATORE-641 002, TAMIL NADU, INDIA.

Inventor : DHARMALINGAM SANTHOSH PRABU.

Application No. 505/Mas/96 filed on 27th March, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A process for the manufacture of a halogen-based physiological seed treating Chemical Composition, which consists of the following steps :—

- (a) 50% by weight of a halogen based chemical thoroughly mixed with 45% by weight of pure Calcium Carbonate, each based on the weight of the entire Chemical Composition (=100%), under room conditions, to form Mixture A.
- (b) 0.1% by weight of Tocopherol is thoroughly mixed with 4.9% by weight of a botanical powder, each based on the weight of entire Chemical Composition (=100%), under room conditions, to form Mixture B.
- (c) adding Mixture B to Mixture A and thoroughly mixing under room conditions either manually or with the aid of a power operated mixture.

(Compl. Specn. 8 pages;

Drng. Nil.)

Cl. : 206 B

181801

Int. Cl. : H 04 N 07/173.

#### A SET TOP TERMINAL OF A TELEVISION PROGRAMME DELIVERY SYSTEM.

Applicant : DISCOVERY COMMUNICATIONS, INC., OF 7700 WISCONSIN AVENUE, BETHESDA, MONTGOMERY COUNTY, MARYLAND 20814-3522, UNITED STATES OF AMERICA.

Inventors :

1. JOHN SAMUEL HENDRICKS
2. ALFRED EUGENE BONNER
3. RICHARD EARL WUNDERLICH

Application No. 762/Cal/1993 filed on 7th December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A set top terminal of program delivery system (200) for suggesting programs to subscribers using program control information, and subscriber specific data indicative of a subscribers programming preferences, characterized in that,

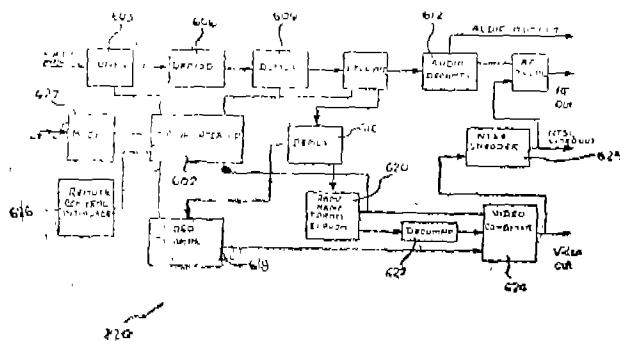
a means (206, 700) for gathering subscriber specific data indicative of subscriber preferences to be used in selecting programs;

memory (620) connected to the gathering means (206, 700) wherein subscriber specific data is stored;

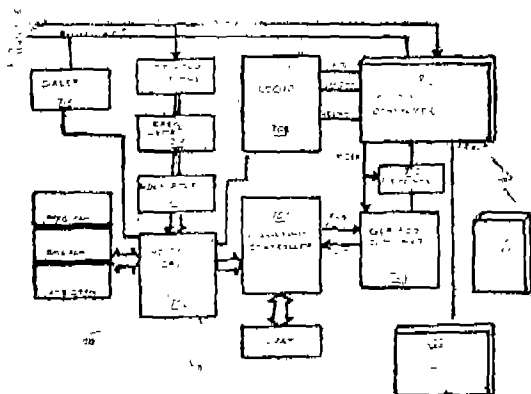
means (606, 714) for receiving program control information to be used in selecting programs;

program selection means (620, 702) operably connected to the memory (620) and the receiving means (606, 714) for selecting one or more programs using the subscriber specific data and programs using the subscriber specific data and program control information whereby the selected programs correspond to subscriber preferences; and

means (222), operably connected to the program selection means (602, 702) for displaying for suggestion the selected programs to the subscriber.



220



(Compl. Specn. 3 pages)

Drngs. 23 sheets.)

Cl. : 62 B, 62 C 3, 62 C 4

181802

Int. Cl. : D 06 P 01/384, 01/56,  
03/24, 01/651.

A PROCESS FOR PREPARING A FIBROUS ARTICLE WITH INCREASED WASHFSTNESS.

Applicant : F. L. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventors :

1. WINFRIED THOMAS HOLFELD
2. DALE EMMETT MANCUSO.

Application No. 345/Cal/94 filed on 10th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

#### 7 Claims

A process for preparing a fibrous article with increased washfastness containing polyamide fibers dyed with anionic dye by treatment with an anionic dye fixing agent such as herein described said process comprising :

immersing said article in a liquid bath of a solvent medium for said fixing agent, said solvent medium being selected from the group consisting of aqueous solvent mediums and substantially nonaqueous solvent mediums such as herein described;

heating said bath and said article in said bath to a temperature at least equal to the dyeing transition temperature of said fiber of polyamide polymer;

adding said fixing agent to said bath as a liquid concentrate, at least about 33% of the total fixing agent to be applied during said process being added while said bath, and said article are at a temperature at least equal to said dyeing transition temperature; and

stirring said bath as the fixing agent is added to said bath to mix said concentrate into said bath to form a dilute solution of said fixing agent and to provide a flow of said dilute fixing agent solution relative to said article to cause said fixing agent to be transported to said article, said stirring further providing, on the average, essentially uniform transport of said fixing agent to said article;

said fixing agent being added to the bath at an addition rate of about 0.0005 to about 0.5% fixing agent/minute based on the weight of said article.

(Compl. Specn. 18 pages;

Drng. 1 sheet.)

Cl. : 61 A

181803

Int. Cl. : A 23 F 3/08.

AN APPARATUS FOR PRECONDITIONING AMBIENT AIR FOR USE IN TEA LEAVES PROCESSING.

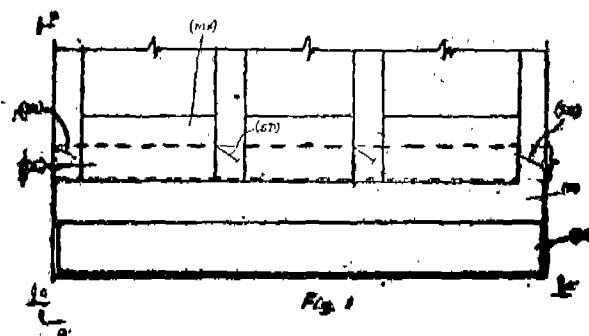
Applicant & Inventor : SOMNATH ROY, OF F-18 5TH FLOOR, BELVEDERE ROAD, CALCUTTA-700 027, WEST BENGAL, INDIA.

Application No. 348/Cal/1994 filed on 11th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

#### 5 Claims

An apparatus for pre-conditioning ambient air for use in Tea Leaves processing comprising a first means and a second means in the passage area of the ambient air for reducing the moisture content of the ambient air in two stages, said first means being made up of a plurality of V-shaped grills positioned across the air flow path with each said V-shaped grill facing the incoming air and the two divergent arms terminating in two respective leading ends thereof in the form of a U-Curve, said U-curve facing the trailing V-shaped end and said second means is made up of a plurality of vertical baffle plates alternately mounted from the top and bottom inner ends of the air passage enclosure thereby creating a zig zag path for the air already partly preconditioned by the said first means.



(Compl. Specn. 10 pages;

Drngs. 2 sheets.)

Cl. : 157 A 4

181804

10 Claims

Int. Cl. : E 01 B 7/00

**A COMPOUND GEOMETRY SPLIT SWITCH RAIL TURNOUT.**

Applicant & Inventor : ROBERT EDGAR WILLOW, OF 118 WARWICK DRIVE, NO. 70, DENICIA, CALIFORNIA 94510, UNITED STATES OF AMERICA.

Application No. 702/Cal/1994 filed on 2nd September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

**3 Claims**

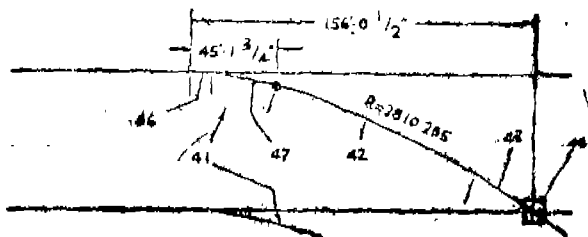
A compound geometry split switch rail turnout, comprising :

a pair of closure rails (42, 42') comprising a curved main portion and a first proximal end portion (43, 43') extending integrally and tangentially to said curved main portion;

a pair of point rails (41, 41') selectively pivotable to redirect a rail vehicle from a pair of entrance rails (11, 12) to said closure rails, at least a switch frog (21, 44) disposed at the intersection of one entrance rail and one of said closure rail, each of said point rails comprising a second proximal end portion (47, 47') extending to a distal end (46, 46') of a respective curved main portion of a respective closure rail, said second proximal end portion being curved;

said linear distal end portion of each of said point rails defining a switch point angle with a respective entrance rail (11, 12);

each of said point rails comprising an attack point in the expected impact position of a wheel flange of a rail vehicle, said attack point coinciding with the conjunction of said second proximal end portion and said linear distal end portion, said switch point angle having a value greater than zero.

**Fig. 4**

(Compl. Specn. 16 Pages;

Drgns. 4 Sheets)

Cl. : 23 E

181805

Int. Cl. : B 65 D 5/46

**A CARTON FOR CONTAINERS SUCH AS CANS OR BOTTLES WITH REINFORCED HANDLE.**

Applicant : THE MEAD CORPORATION, OF OHIO COURTHOUSE PLAZA NORTHEAST, DAYTON OHIO 45463 UNITED STATES OF AMERICA.

Inventors :

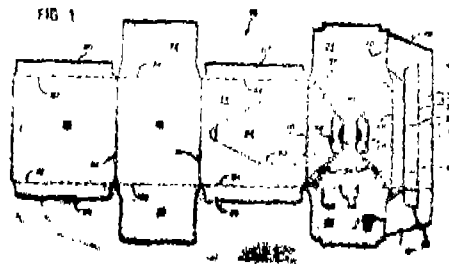
- (1) JAMES RICHARD OLIFF
- (2) JAMES THOMAS STOUT.

Application No. 704/Cal/1994 filed on 2nd September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

A carton for containers such as cans or bottles with reinforced handle comprising :

a top wall panel (12) having opposed first and second side edges (16, 40) and opposed first and second end edges (32, 36); a pair of side wall panels (14, 22) foldably connected to said top wall panel (12) along said first and second side edges (16, 40) thereof; a bottom wall panel (18) foldably connected between said side wall panels (14, 22); first and second end flaps (30, 34) each having end edges (32, 36) said first and second end flaps (30, 34) being connected respectively along the end edges (32, 36); the top wall panel (12) and depending downwardly there from each of said end flaps further having first and second side edges corresponding generally to said first and second side edges of said top wall panel, characterised by that a hand aperture (26) defined in said top wall panel (12) positioned therein centrally of said top wall panel and a handy reinforcing structure comprising first and second end portions (42, 46), said first and second end portions being connected along a fold line (44, 48) to said second side edge of said first and second end flaps (30, 34) respectively, said first and second end portions (42, 46) being disposed in overlapping relationship along an inner surface of said first and second end flaps (30, 34) respectively, and a central portion (50) connected between said end portions and extending in overlapping relationship along an inner surface of said top wall panel (12) adjacent to a portion of said hand aperture (26), wherein said central portion (50) defines a pair of free edges extending along the length thereof which are separated from said side edges (16, 40) of said top wall panel (12).



(Compl. Specn. 15 Pages;

Drgns. 4 Sheets)

Ind. Cl. : 147 E, 206 E

181806

Int. Cl. : H 04 N 09/80

**APPARATUS FOR RECORDING A DIGITAL SIGNAL IN A FIRST TRACK PART OF TRACKS ON A MAGNETIC RECORD CARRIER.**

Applicants : PHILIPS ELECTRONICS N. V., GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

Inventor : WILHELMUS JACOBUS VAN GESTEL.

Application for Patent No. 717/Cal/1996 filed on 19th April, 1996. (Divided out of No. 869/Cal/91 Ante-dated to 20th November, 1991).

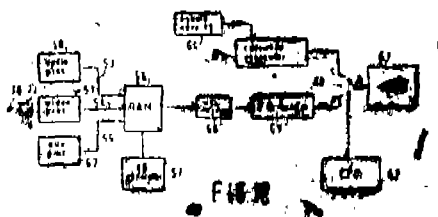
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

**3 Claims**

Apparatus for recording a digital signal in a first track part of tracks on a magnetic record carrier, which tracks run parallel with each other over the record carrier and at an angle relative to the longitudinal axis of this record carrier, comprising :

- an input terminal for receiving the digital signal,
- a signal processing unit for processing the digital signal so as to make the digital signal suitable for recording in the first track part of the tracks, the signal processing unit having an input coupled with the input terminal and an output

- a recording unit for recording the processed digital signal in the first track part of the tracks, the recording unit having an input coupled to the output of the signal processing unit,
- a codeword generator which is capable of generating n-bit first codewords, and
- a switch having a first input coupled to the output of the signal processing unit, a second input coupled to the codeword generator, and an output (b) coupled to the input of the recording unit; the first codewords containing each a sequence of, successively, p bits having a first binary value, q bits having the second binary value being the inverse binary value of the first binary value, and r bits having the first binary value; and p, q and r being odd integers for which the following holds  $p \geq 3$ ,  $q \geq 3$ , and  $r \geq 3$ ; and the recording unit being provided to record the n-bit first codewords in second track parts in the tracks.



(Compl. Specn. 37 pages;

Drawings 8 sheets.)

Ind. Cl. : 128 A &amp; G.

181807

Int. Cl. : A 61 F 13/16, 13/18.

#### AN ABSORBENT PRODUCT MADE OF ABSORBENT CORE FOR USE IN A WEARER'S GARMENT.

Applicants : McNEIL-PPC, INC., OF VAN LIEW AVENUE, MILLTOWN, NJ 08850, UNITED STATES OF AMERICA.

Inventors :

1. PAUL YIN FUNG.
2. ROBERT ANDREW GALLOWAY.

Application for Patent No. 758/Cal/1994 filed on 19th September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

#### 14 Claims

An absorbent product for use in a wearer's garment, such as a sanitary napkin, comprising :

- a body-facing fluid-previous cover,
- a garment-facing, fluid-impervious backing,

an absorbent batt (10) therebetween, said absorbent batt being folded upon itself along a pair of generally parallel longitudinal fold lines to form a middle panel (12) and two side panels (11, 13), said three panels being substantially

equivalent in width at the central transverse axis of said absorbent batt.

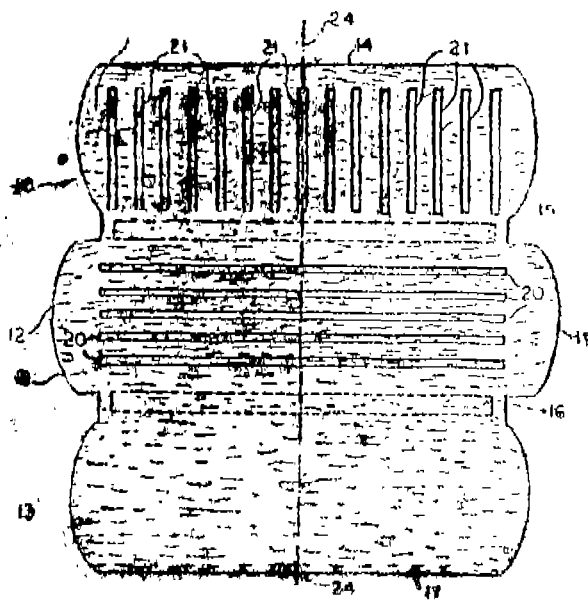


FIG. 1

(Compl. Specn. 15 pages;

Drawings 4 sheets.)

Int. Cl. : A 63 B 41/00,  
45/02.

181808

Ind. Cl. : 187 B

#### SPORTS BALL AND METHOD OF MANUFACTURE THEREOF.

Applicant : UMBRO EUROPE LTD., OF PO BOX 33, DALLIMORE ROAD, ROUNDTOWN INDUSTRIAL ESTATE, WYTHENSHAW MANCHESTER M 23 9GJ, ENGLAND.

Inventors :

1. CHRISTOPHER IAN MILLS.
2. JEAN-MARIE SONNTAG.

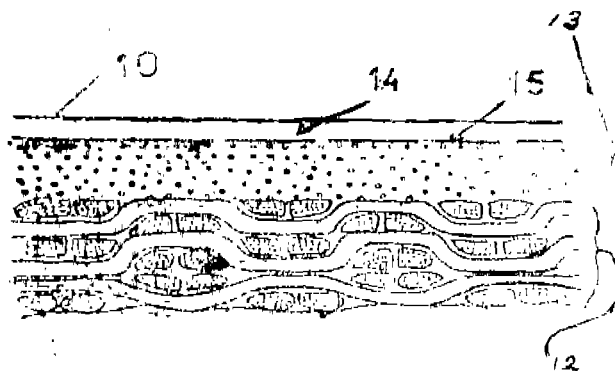
Application No. 762/Ch/94; filed on 21-9-94.

Convention No. 9320034.3 in U. K. on 29-9-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

#### 18 Claims

A sports ball (10) having an inflated or an inflatable core (11), and an outer covering (12) enclosing said core, in which a transparent cover layer (14) is applied to the outer surface of said outer covering, the ball being provided with externally visible markings (15) and wherein said markings are provided at the interface between the internal face of the transparent cover layer and the outer surface of the outer covering.



(Compl. Specn. 20 pages;

Drawings 4 sheets.)

Int. Cl. : A 23 F 1/02, 1/10

181809

Int. Cl. : B3 B5.

**PROCESS FOR THE MANUFACTURE OF DAL ANALOGUE.**

Applicant : (1) DR. (MS.) JAMRITA PATEL, BLOCK DK, SECTOR 11, SALT LAKE CITY, CALCUTTA-700091, STATE OF WEST BENGAL, INDIA AND

(2) NATIONAL DAIRY DEVELOPMENT BOARD, CITY OF ANAND, STATE OF GUJARAT, INDIA.

Inventors :

1. DR. JAGJI SINGH PUNJRAH
2. TATHICHEFIA NATARAIA MURTHI
3. VIKRAMSINH DHIRAJISINH DEVDHARA.

Application No. 1137/Cal/96; filed on 12-08-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

**17 Claims.**

A process for the manufacture of dal analogue, comprising blending 35 to 65% of edible grade soy flour and 65 to 35% of wheat flour, and preparing a dough mass out of the said blend by adding 12 to 29 kg. of potable water per 100 kg. of the blend, feeding the said dough mass in an extruder with inflow of water at the feed point of the extruder at a constant rate, the temperature of the dough mass in the extruder barrel being maintained at 20° to 45°C, maintaining a pressure of 56.25 to 105.46 kgs/sq. cm in the extruder, creating a vacuum of 100 mm to 400 mm Hg; cutting the extrudate into dal shape, as required, steam cooking the extrudate at 70° to 105°C for 2 to 20 minutes and drying the cur product so as to maintain the moisture content thereof between 8 to 15%, without damaging the body and texture of the extrudate dal, but causing the gluten net developed around the same, to be reinforced therein.

(Compl. Specn. 12 pages)

(Draw. Nil.)

Int. Cl. : A 23 F 3/38.

181810

A 23 B 7/148

Int. Cl. : B3B, B3B.

**A PROCESS FOR FREEZE DRYING, HERB PLANTS, ROOTS AND THEIR FRUITS.**

Applicant & Inventor : ASHOK CHATURVEDI, C/O FLEX INDUSTRIES LTD., A-16, FMC FORTUNA, (D) 234, 3A, LIND FLOOR, ACHARYA JAGDISH CHANDRA BOSE ROAD, CALCUTTA-700 020, WEST BENGAL, INDIA.

Application No. 1363/Cal/97; filed on 22-07-97.

Complete after provisional left on 29-12-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

**1 Claim.**

A process for freeze drying, herb plants, roots and their fruits which comprises :

- Washing the fresh raw material first with chlorinated water and thereafter with fresh water;
- grading the said raw material and segregating according to the required size,
- the graded material is cut into slices and filled in trays for freezing the material in a freeze drying chamber for 150- 180 minutes under -20° to 30°C;
- the said freeze dried material is further dried under vacuum in a separate freeze drying chamber under vacuum for 10-12 hours.

— the said dried material is checked for foreign particles through a magnet and metal detector means and further tested for micro-biological contents and thereafter it is packed in a heat sealed metalized polyester laminate bags with vacuum packing said sterilized in presence of nitrogen or powdering the said dried material for filling in capsules at room temperature and humidity up to 30%.

(Compl. Specn. 6 pages,

Prov. Page 3;

Draw. Nil.)

**OPPOSITION PROCEEDING**

An opposition has been entered by M/s Premier Polytronics Ltd., Coimbatore-641018 to grant of Patent to Application No. 180042 (306/Bom/94) made by M/s. Star Precision Electronics (I) Ltd., Baroda-390010.

An opposition has been entered by M/s. Premier Polytronics Ltd., Coimbatore-641018 to grant of Patent to Application No. 180043 (307/Bom/94) made by M/s. Star Precision Electronics (I) Ltd., Baroda-390 010.

An opposition has been entered by M/s. Pest Control (I) Ltd., Mumbai-400 001 to the grant of a Patent Application No. 180155 (102/Bom/1994) made by Mr. D. S. Dahanukar, Mumbai-400020.

An opposition has been entered by M/s. Bajaj Auto Ltd. on Patent Application No. 180235 (952/Mas/91) made by M/s. Honda Giken Kogyo Kabushiki Kaisha, Japan.

An opposition has been entered by M/s. Spaco Carburetors (India) Ltd., Pune to grant of a Patent on Application No. 180301 (47/Del/91) dated 21-1-91 made by M/s. Pacco Industrial Corp.

An opposition has been entered by M/s. Ucal Fuel Systems Ltd., Chennai (Tamil Nadu) to grant of a Patent on Application No. 180301 (47/Del/91) dated 21-1-91 made by M/s. Pacco Industrial Corp.

**AMENDMENT PROCEEDINGS UNDER SECTION-57**

The amendments proposed by AAGE Bisgaard Winther, in respect of Patent Application No. 208/Mas/90 (176642) as advertised in Part III, Section 2 of the Gazette of India dated 26-4-97 and no opposition being filed within the stipulated period the said amendments have been allowed.

**CESSATION OF PATENTS**

167548 167633 167653 167673 167691 167715 167733 167747  
167755 167758 167759 167784 167787 167855 167861 167862  
167864 167883 167889 167928 167966

**RENEWAL FEES PAID**

179554 179568 179550 179561 179563 179363 179437 161579  
161580 161749 167985 174756 175873 176077 178433 178543  
179233 173046 173421 175935 165706 178549 174595 175776  
174368 175279 175050 176290 168674 171529 169083 178277  
176576 173284 173245 173246 173274 173285 173286 173381  
173433 173434 173451 174755 174760 176563 175769

## PATENT SEALED ON 28-08-98

177782 179593 179761 179762\* 179764 179765 179766  
 179767 179768 179769\*D 179770\* 179772\* 179773 179774\*  
 179775 179776 179777\*D 179778 179779 179781\* 179782\*  
 179783 179785\*F 179786\*D 179788\*D 179789\*D 179790\*D  
 179791 179792 179793\* 179795\* 179796\* 179797 179798\*  
 179799 179800\* 179801 179804 179805\*D 179807\*D,  
 179809\*D

CAL-01. DEL-34. MUM-05. CHEN-01.

\*Patent shall be deemed to be endorsed with words  
 LICENCE OF RIGHT Under Section 87 of the Patents Act,  
 1970 from the date of expiration of three years from the date  
 of sealing.

D—Drug Patents.

F—Food Patents.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not  
 open to inspection for period of two years from the date of  
 registration except as provided for in Section 50 of the Design  
 Act, 1911.

The date shown in the each entries in the date of the regis-  
 tration included in the entries.

Class 1. No. 175988, Sanjeev Khosla and Asri Khosla, of  
 S-158, Greater Kailash Part-II, New Delhi-110048,  
 India, "LED SIGNAL MARKER LAMP", 23  
 March 1998.

Class 3. No. 175913, Cyanchand Choudhary, Indian National  
 Proprietor of Gyandeep International, 47, Kamaichi  
 Nagar, Chennai-600 087, T. N., India, "ROTARY  
 SWITCH", 10th March 1998.

Class 3. No. 175919, Conte S. A. of 6, rue Gerhard Hansen  
 62200 Boulogne Sur Mer, France. "MARKER  
 PEN", 11 March 1998.

Class 3. No. 174938, Sintex Industries Ltd., Plastics Division,  
 Kalol (N.G.) Pin-382721, Gujarat State, India,  
 "METER BOX", 31 Nov. 1997.

Class 3. No. 175947, Jarvis N. Webb International Company,  
 a corporation organized under the laws, of the state  
 of Michigan, U.S.A., of 34375 West Twelve Mile  
 Road, Farmington Hills, MI 48331 5624, U.S.A.,  
 "TROLLEY BUMPER", 17 March 1998.

Class 3. No. 175953, Freeman's Measures Limited of G. T.  
 Road, Jugiana, Jadhiana-141120. "MEASURING  
 TAPE", 17 March 1998.

Class 3. No. 175996, Apollo Mineral Water & Beverage (P)  
 Ltd., 100 Mevalur Kuppam Village, Thendalam  
 Post, Sriperumpudur Taluk, Kancheepuram Dist-  
 rict, T. N. India, "JERRY CAN", 24 March  
 1998

Class 4. No's. 175453 to 175459, Beautimatic International  
 Ltd., A British Co., organised under the laws of  
 United Kingdom and having their registered office  
 of Abbey House Eastways-Witham, Essex CM8  
 3YL, England, "PERFUME BOTTLE", 6th Janu-  
 ary 1998.

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Number :—

169845, 172514, 164430, 169575, 171978, 172885, 172436,  
 166531, 166014, 171820, 172162, 172201, 168259, 166874,  
 170278, 176907, 170850, 170058, 171835, 165208

Class :—03.

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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998

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